

**FOREST ADMINISTRATION REPORT
OF THE
NORTHERN CIRCLE, BOMBAY PRESIDENCY,
FOR THE OFFICIAL YEAR 1894-95.**

INTRODUCTION.

The Circle was in charge of undersigned during the whole year. The divisions were held by Messrs. Greatheed, Stewart, Hodgson and Wallinger, and Mr. Millett was in charge of the Working Plans Branch.

2. A considerable change in the forest area is shown in the report, being an increase of reserved forest by 52,475 acres and decrease of protected forest by 98,671 acres, but a large proportion of this is due to rectification of the records of the Forest Settlement Officer on whose report the change is made.

3. The Forest Survey continued its work on the 8" scale; a large proportion of the Váda Range in East Thána being mapped during the season.

4. The Working Plans Branch made rather better progress in marking off coupes in advance of the requirements of the coming season in the two Thána divisions and a commencement was made in organizing the forests of the Panch Maháls division.

5. Protection as judged by percentages of convictions, &c., was satisfactory.

6. Protection from fire shows no improvement if mere figures are taken as a guide; but a distinct advance was made in the arrangements for protecting the Mándvi forests from fires coming from Gáikwári territory, which only failed because time and funds were wanting to complete them in time. The failure of the figures of results to show any improvement are most certainly due to their increasing accuracy year by year.

7. The financial results of the year were unexpectedly favourable. Large exploitations in the Jawhár, Dharampur and Baroda States failed to affect the demand and notwithstanding that purchasers from the Upper Dáng forests refused to take any wood under a revised system introduced this year, nevertheless the gross receipts amounted to Rs. 7,38,680 against Rs. 7,60,954 in 1893-94, and the net revenue was Rs. 4,62,709. The decrease of Rs. 34,000 in the net revenue almost exactly represents an extraordinary item on account of receipts from inám forests in the Panch Maháls included in the accounts for 1893-94.

**CHAPTER I.
EXTENSION AND CONSTITUTION OF STATE FORESTS.**

(i).—ALTERATION OF AREA.

8. The changes of area of the State forests which have taken place during the past year are given in Form No. 46. The following abstract statement shows the result of these changes:—

Class of Forests.	Area on 1st July 1894.		Excluded or transferred during the year.	Area on 30th June 1895.		Remarks.
	Sq.m.	a.		Sq.m.	a.	
Reserved	1,104	369	81 638	4 228	1,182 139	
Protected	603	429	.....	154 111	449 318	
Leased	678	320	.....	.....	678 320	
Total ...	2,386	478	81 638	158 339	2,310 137	

(ii).—FOREST SETTLEMENT.

9. Mr. Orr, I.C.S., in Thána, was the only Forest Settlement Officer at work in the Circle during the year.

10. The demarcation of the Murbád Táluka was completed during the year and a portion of it settled, and a commencement of demarcation was made in Sháhpur.

11. Mr. Orr writes:—"The year has been a most unsatisfactory one owing mainly I fear to my ill-health, and also to the fact that I was thrown hopelessly into arrears last rains through being put in charge of an Assistant Collector's office, which is by itself usually considered over-worked, for 3 months and that at a time when I had been forced by ill-health to take short leave, and, in addition to the heavy work of compiling a report on the Dáhánu Forest, had also to send in my report on the Karjat Thákur settlement."

12. Areas as detailed below were obtained by purchase and exchange during the year:—

Acquired by compensation	Do. on exchange	A. g.			Amount.		
		77 38½			Rs. a. p.		
		3 31½			805 4 4		
		Total ... 81 30			805 4 4		

13. The following statement gives the details of cost of Forest Settlement Officer and his establishment during the year:—

No.	Division.	FOREST SETTLEMENT OFFICER.		OFFICE ESTABLISHMENT.		Contingencies.	Total.
		Pay.	Travelling Allowances.	Pay.	Travelling Allowances.		
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		
1	Thána	10,061 15 6	2,065 2 2	4,823 3 7	1,056 4 8	476 6 2	18,483 0 1

14. With reference to demarcation and settlement work still remaining to be done Mr. Orr writes of Thána:—"There remains now only the Shábápur Táluka to be demarcated. In Sálsette no work remains to be done except the formal settlement of $16\frac{1}{2}$ gunthas in the village of Mire. In each of the other tálukas there is more or less work in the shape of land acquisition and formal proceedings under the Forest Act as follows:—

Names of Ranges.	STAGES OF OUTSTANDING WORK.							REMARKS.	
	Occupied Lands to be acquired,		Land to be notified under Section 4.	Land to be settled under Section 7.	Land to be notified under Section 19.	Total.			
	By Exchange or Compensation.	Negotiations proceeding.							
	Negotiations completed.	Negotiations completed.							
<i>East Thána.</i>	A. g.	A. g.	A. g.	A. g.	A. g.	A. g.	A. g.		
Bhiwndi	16	...	...	...	29	...	45	Most of the negotiations are very near completion.
Kalyán	100	47	...	55	...	...	202	
Khardi	...	...	...	...	84	...	84	
Mokháda	2	22	...	36	...	900	960		
Sháhpur	...	...	...	...	2,382	...	2,382	
Váda	...	...	3	22	1,533	...	1,558	
Total	118	69	3	113	4,028	900	5,231		
<i>West Thána.</i>									
Bassén	10	3	...	3	1	...	17	In the 89 villages demarcated by Mr. McIver.	
Dáhánu	67	89	2	15	362	...	535		
Máhim	194	...	4	9	2,724	...	2,931		
Sálsette	...	...	...	...	1	...	1	Most of the negotiations are very near completion.
Total	271	92	6	27	3,088	...	3,484		
Grand Total	389	161	9	140	7,116	900	8,715		

To this must, however, be added the completion of the Settlement of Murbad and the Demarcation and Settlement of Sháhápúr. Mr. Orr, however, adds : "I have good hopes that the whole work of the district will be complete by the end of 1896."

15. In the Mándvi Táluka of Surat the sanctioned demarcation has been found to be so faulty that it has been ordered in Government Resolution No. 6702 of 2nd September 1895, that it be revised. It is confidently expected, however, that the work will be completed during the coming season.

16. In the rest of Surat and in the Panch Maháls settlement is complete.

(iii).—DEMARCATION.

17. The following statement shows the clearance of boundary lines and the erection of forest boundary marks effected during the year :—

No.	Division.	Length of Boundary demarcated.	NUMBER OF CAIRNS ERECTED.		Amount spent.	Rate per mile.	REMARKS.
			Large.	Small.			
1	East Thána	17	...	290	195 13 9	...	
2	West Thána	34½	114	4	68 3 0	...	
3	Surat	30½	210	187	811 7 3	...	
4	Panch Maháls	23	...	.55	2,282 1 6	...	
	Total	105	324	536	3,357 9 6	11½	
	Total of 1893-94	139½	752	313	3,730 0 0	26½	

(iv).—SURVEYS.

18. The following statement furnished by the Superintendent of Forest Survey Work and its cost during *survey year* 1894-95 in this Circle :—

Description of Survey.	Scale.	District.	Area in Square miles.	Total Cost for Survey year.	Cost rate, Square mile.	Remarks.
Triangulation	8" mile.	West Thána.	205	970 4 5	6 11 3	
Traversing	...	.....	200	970 4 5	4 13 7	Máhám Táluka.
Detail Survey	...	East Thána...	5,557	9,462 1 9	170 7 4	
Total	...	.....	...	11,402 10 7	...	Váda Táluka.

19. The actual cost debited to the Northern Circle during the *forest year* was Rs. 11,219-2-7.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

I.—REGULATION AND MANAGEMENT.

(a).—WORKING PLANS AND THEIR CONTROL.

20. The Working Plans Division was in charge of Mr. G. P. Millett, Deputy Conservator of Forests, 4th Grade, during practically the whole year.